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A 61 P 35/00

識別記号

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テ-マコ-ト^{*} (参考)

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A 61 K 31/381
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(33) 優先権主張国 米国(US)

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チ・ディヴィジョン
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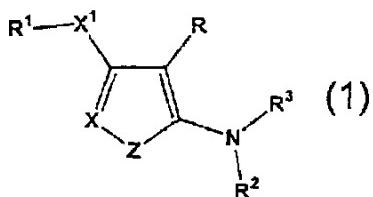
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(54) 【発明の名称】 抗がん剤として有用な複素環式誘導体

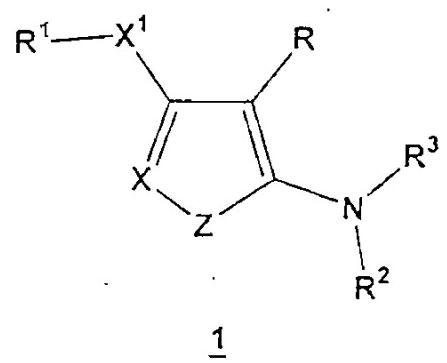
(57) 【要約】

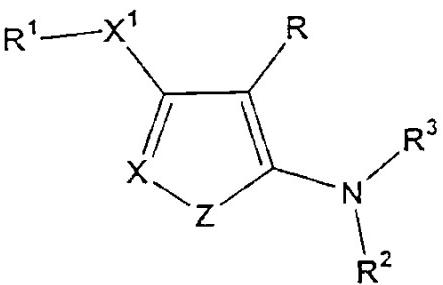
本発明は式(1) :

【化1】



の化合物ならびに薬剤として許容できるその塩類、プロ
ドラッグおよび溶媒和物に関する。(式中、Z、X、X
¹、R¹、R²及びR³は本明細書において、本発明が、哺
乳動物の血管形成により仲介される疾患を前記化合物の
投与によって治療するための前記化合物含有薬剤組成物
に関連するように定義される。)





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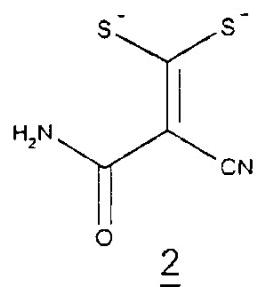
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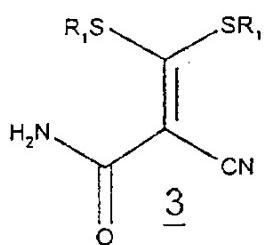
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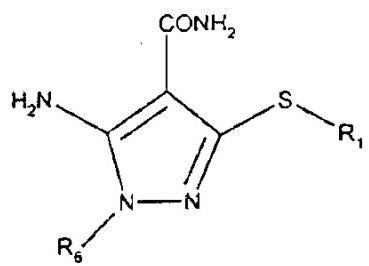
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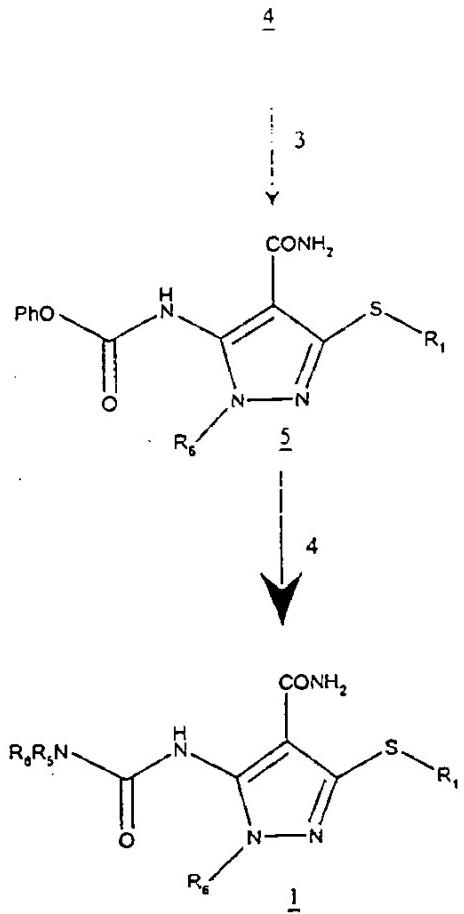
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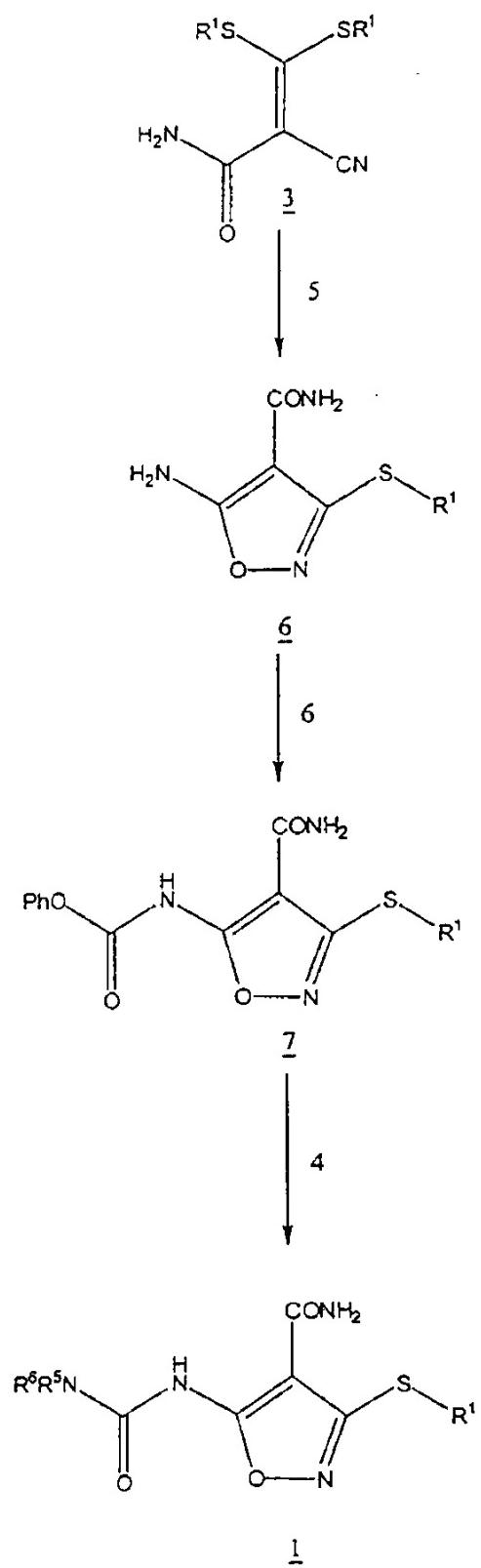
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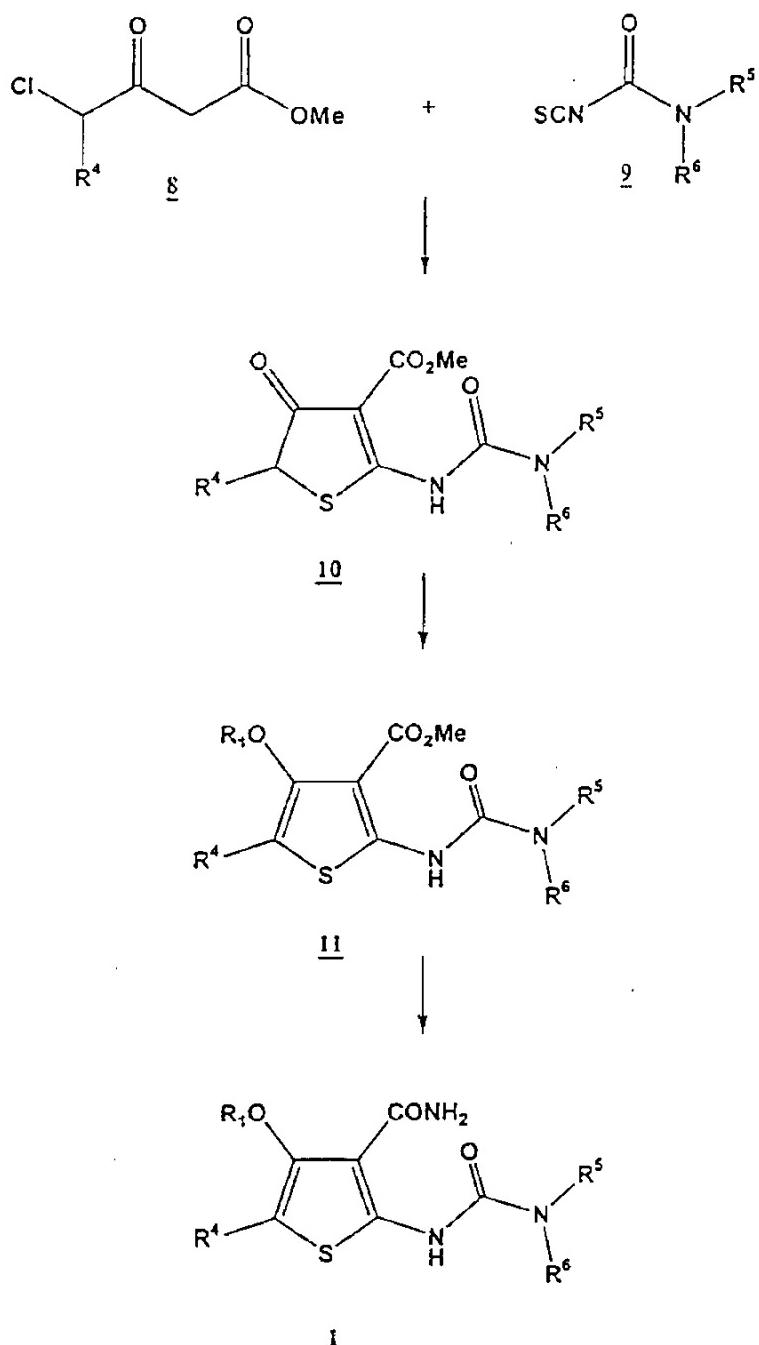
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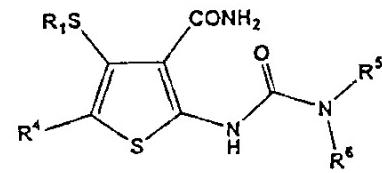
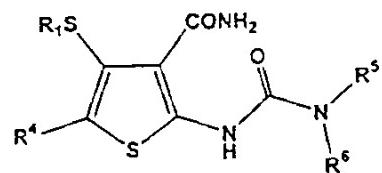
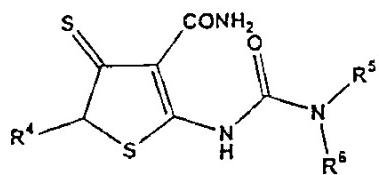
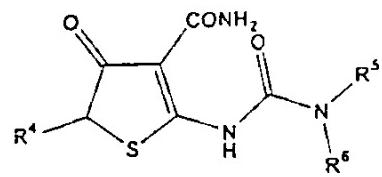


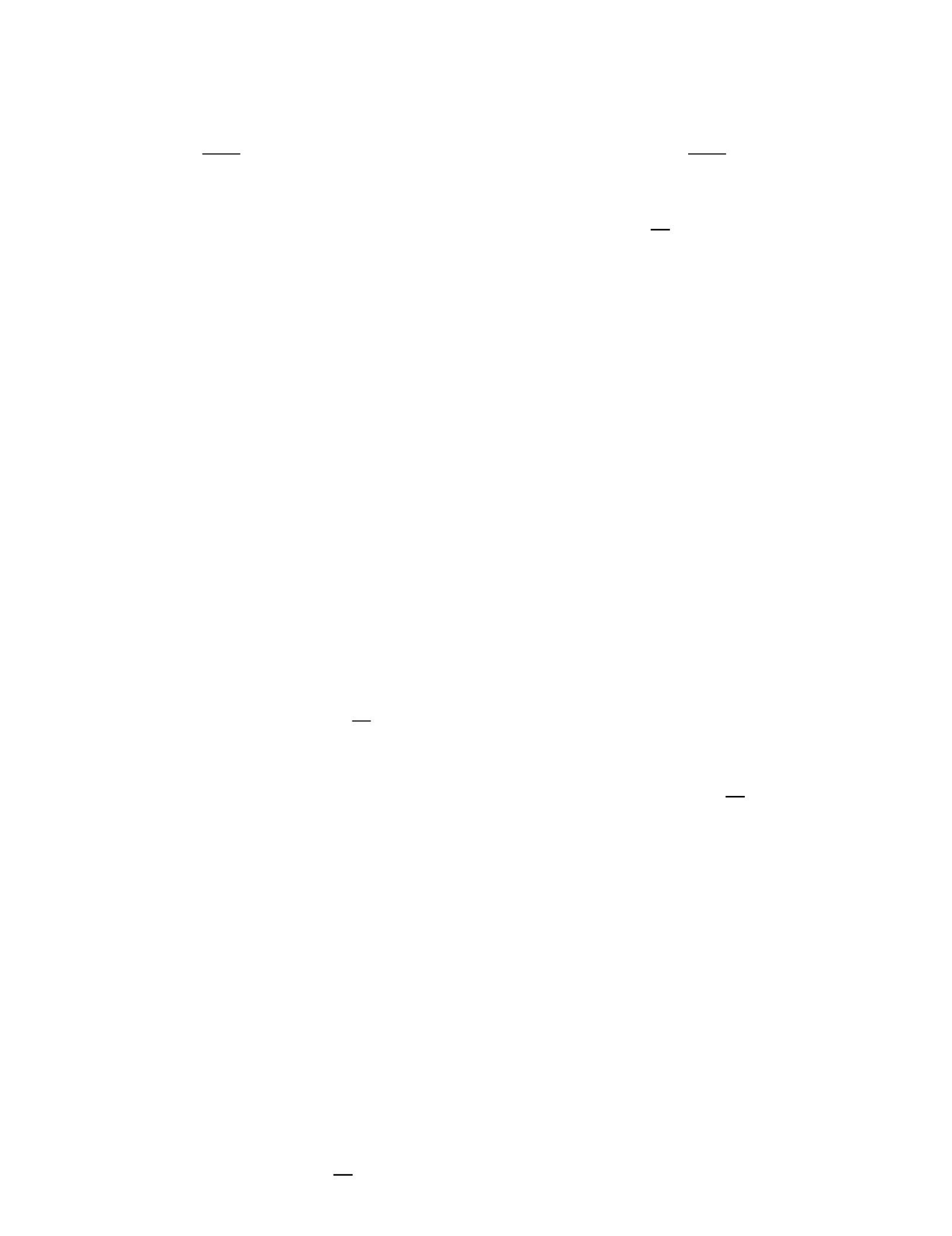
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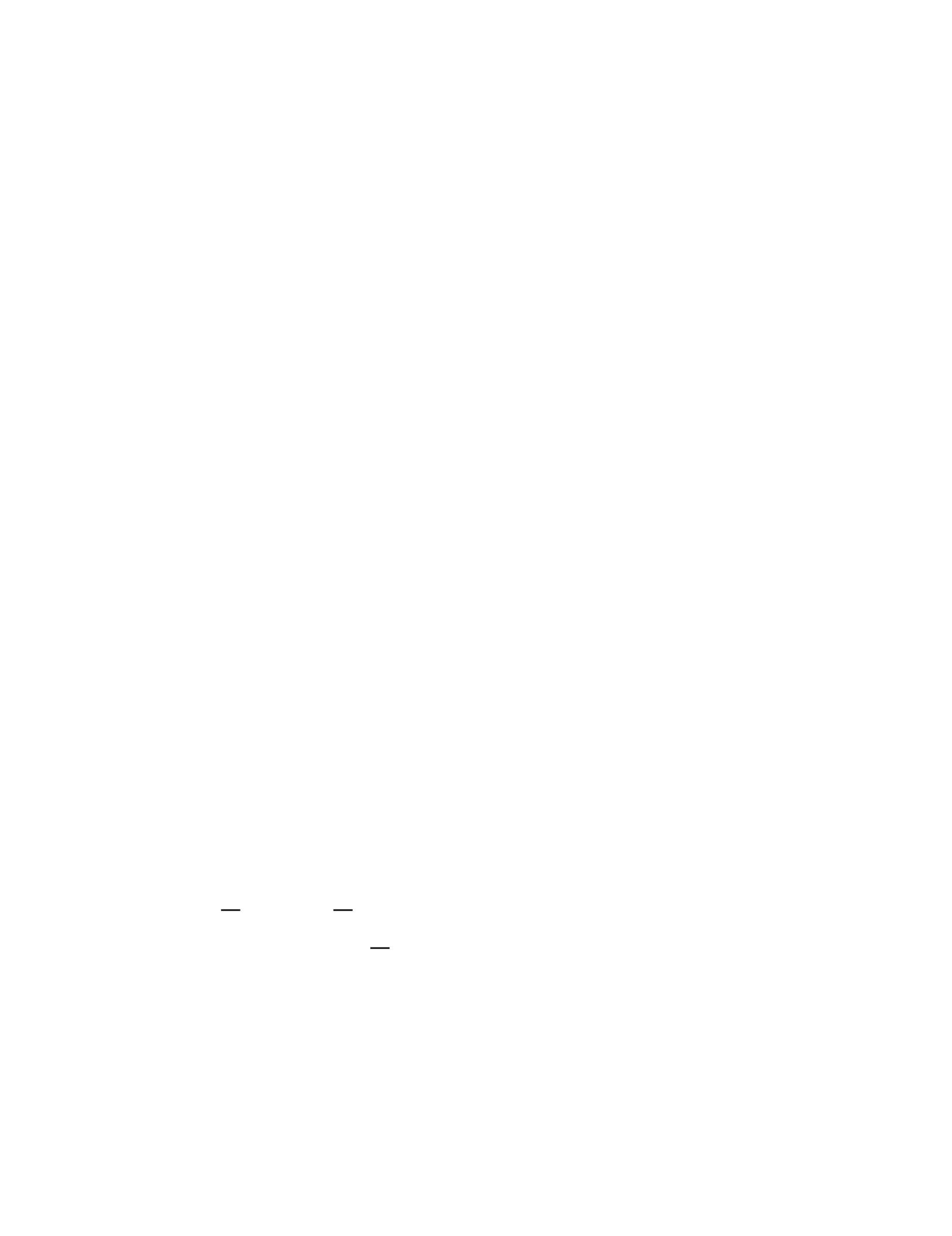
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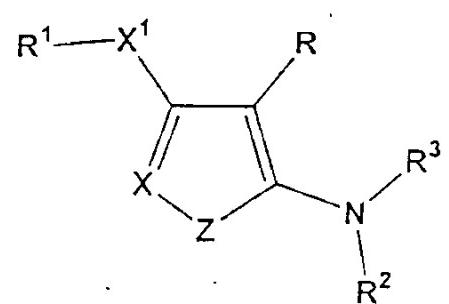
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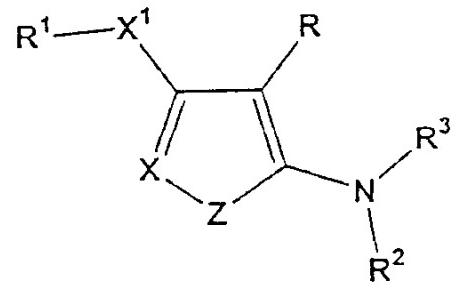
¹H NMR (CDCL₃, 400 MHz) δ 3.10 (br. s, 6H), 3.56 (s, 2H), 3.86 (s, 3H), 12.41 (s, 1H).

¹H NMR (CDCL₃, 400 MHz) δ 1.03 (t, 3H, J = 7.3 Hz), 1.78-1.84 (m, 2H), 3.06 (s, 6H), 3.84-3.89 (m, 5H), 5.51 (s, 1H), 11.08 (s, 1H).

¹H NMR (CDCL₃, 400 MHz) 1.03 (t, 3H, J = 7.3 Hz), 1.81-1.88 (m, 2H), 3.04 (s, 6H), 3.97 (t, 2H, J = 6.6 Hz), 5.33 (アロ- F s, 1H), 5.55 (s, 1H), 7.50 (アロ- F s, 1H), 12.00 (s, 1H).



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INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 00/00570

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07D333/38 C07D275/03 C07D231/44 C07D409/12 C07D417/04
 A61K31/425 A61K31/415 A61K31/381 A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 773 459 A (TANG PENG CHO ET AL) 30 June 1998 (1998-06-30) column 40, line 41 - line 42; claim 1 column 3, line 59 - line 65 ---	1-20
X	WO 96 14843 A (COR THERAPEUTICS INC) 23 May 1996 (1996-05-23) page 1, line 12 - line 15; claim 1 ---	1-20
X	WO 98 54116 A (CADUS PHARMACEUTICAL CORPORATION, USA) 3 December 1998 (1998-12-03) page 27, line 25 -page 28, line 31; claim 22 ---	1-20
	-/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubt on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *S* document member of the same patent family

Date of the actual completion of the International search

1 August 2000

Date of mailing of the International search report

29.08.00

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 00/00570

C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation or document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 99 62890 A (PFIZER PRODUCTS INC., USA) 9 December 1999 (1999-12-09) cited in the application claims 1-18 ---	1-20
A	WO 98 52559 A (WILD HANNO ;LEE WENDY (US); SMITH ROGER A (US); WOOD JILL E (US);) 26 November 1998 (1998-11-26) claim 1; table 4 ---	1-20
X	WERBS, H. ET AL: "Reactions of 4-ethoxycarbonyl-3-amino-2-aminocarbonyl-5- - methylthiopyrazole with isocyanates and isothiocyanates" PHARMAZIE (1974), 29(10-11), 687-9, XP002142820 page 687; examples IIIA-IIIG ---	1
X	DATABASE CHEMABS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; LU, RONG-JIAN ET AL: "Regioselective addition of 5-amino-3-benzylthio-1,2,4-triazole and its analogs with aryl isocyanates" retrieved from STN Database accession no. 128:217329 XP002142821 1H-Pyrazole-4-carboxylic acid, 3-'-(3,4- dichlorophenyl)amino!carbonyl!amino!-5-'(p- henylimethyl)thio!-, ethyl ester abstract & CHIN. J. CHEM. (1997), 15(6), 541-547,	1
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/IB 00/00570	

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